

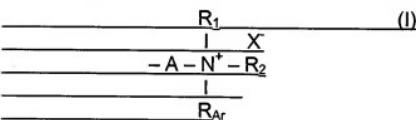
**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application and reflects the amendment of claim 1, cancellation of claims 3 and 5 and addition of new claims 32 and 33.

**Listing of Claims:**

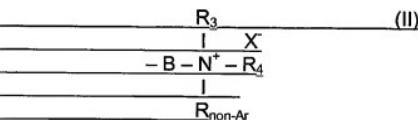
1. **(Currently Amended)** A process for production of paper from an aqueous suspension containing cellulosic fibres, and optionally fillers, which comprises adding to the suspension a cationised polysaccharide product comprising a polysaccharide having

- (i) at least one first cationic or anionic substituent having an aromatic group comprising the following general structural formula (I):



wherein A is a group attaching N to the polysaccharide,  $R_1$  and  $R_2$  are individually H or alkyl having from 1 to 3 carbon atoms,  $R_{Ar}$  is an aromatic group containing 1 to 12 carbon atoms, or, alternatively,  $R_1$ ,  $R_2$ , and  $R_{Ar}$  together with N form an aromatic group, and  $X'$  is a counterion; and

- (ii) at least one second substituent having no aromatic group comprising the general structural formula (II):



wherein B is a group attaching N to the polysaccharide,  $R_3$  and  $R_4$  are individually H or alkyl having from 1 to 3 carbon atoms;  $R_{non-Ar}$  is a non-aromatic group containing 1 to 4 carbon atoms; and  $X'$  is a counterion,

forming and draining the suspension on a wire, the molar ratio of first substituent to second substituent being from 10:1 to 1:10.

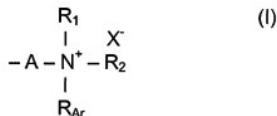
2. **(Original)** The process of claim 1, wherein the polysaccharide has a cationic charge density within the range of from 0.05 to 4.0 meq/g.
3. **(Cancelled)**
4. **(Original)** The process of claim 1, wherein the first substituent comprises a benzyl group.
5. **(Cancelled)**
6. **(Original)** The process of claim 1, wherein first substituent comprises –  $\text{CH}_2\text{--CH(OH)--CH}_2\text{--N}^+(\text{CH}_3)_2\text{CH}_2\text{C}_6\text{H}_5\text{ Cl}^-$  and the second substituent comprises –  $\text{CH}_2\text{--CH(OH)--CH}_2\text{--N}^+(\text{CH}_3)_3\text{ Cl}^-$ .
7. **(Original)** The process of claim 1, wherein the polysaccharide comprises cationised starch, cationised guar gum, or a mixture thereof.
8. **(Original)** The process of claim 1, wherein it further comprises adding at least one anionic material to the suspension.
9. **(Original)** The process of claim 8, wherein the anionic material comprises silica-based particles or clay of smectite type.
10. **(Original)** The process of claim 9, wherein the anionic material comprises silica-based particles having a specific surface area of at least 100 m<sup>2</sup>/g that are present in a sol having an S value in the range of from 5 to 50%.
11. **(Previously Presented)** The process of claim 8, wherein the anionic material comprises an anionic organic step-growth polymer.
12. **(Original)** The process of claim 11, wherein the anionic material comprises an anionic organic step-growth polymer which is a naphthalene sulphonate. .
13. **(Original)** The process of claim 1, wherein the process further comprising recirculating white water and optionally introducing fresh water to form a suspension containing cellulosic fibres, and optional fillers, to be dewatered, the amount of fresh water introduced being less than 30 tonnes per tonne of dry paper produced.
14. **(Original)** The process of claim 1, wherein it further comprises adding to the suspension a cationic polyacrylamide.
15. **(Original)** The process of claim 1, wherein it further comprises adding to the suspension a low molecular weight cationic synthetic organic polymer.

16. **(Withdrawn)** A process for production of paper from an aqueous suspension containing cellulosic fibres, and optionally fillers, which comprises adding to the suspension a cationised polysaccharide product comprising

- (i) a polysaccharide having at least one first substituent having an aromatic group; and
- (ii) a polysaccharide having at least one second substituent having no aromatic group,

forming and draining the suspension on a wire.

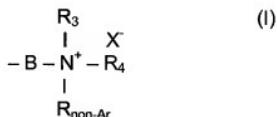
17. **(Withdrawn)** The process of claim 16, wherein the first substituent comprises the following general structural formula (I):



wherein A is a group attaching N to the polysaccharide, R<sub>1</sub> and R<sub>2</sub> are individually H or alkyl having from 1 to 3 carbon atoms, R<sub>Ar</sub> is an aromatic group containing 1 to 12 carbon atoms, or, alternatively, R<sub>1</sub>, R<sub>2</sub>, and R<sub>Ar</sub> together with N form an aromatic group, and X<sup>-</sup> is a counterion.

18. **(Withdrawn)** The process of claim 16, wherein the first substituent comprises a benzyl group.

19. **(Withdrawn)** The process of claim 16, wherein the second substituent comprises the general structural formula (II):



wherein B is a group attaching N to the polysaccharide, R<sub>3</sub> and R<sub>4</sub> are individually H or alkyl having from 1 to 3 carbon atoms; R<sub>non-Ar</sub> is a non-aromatic group containing 1 to 4 carbon atoms; and X<sup>-</sup> is a counterion.

20. **(Withdrawn)** The process of claim 16, wherein first substituent comprises  $-\text{CH}_2\text{-CH(OH)}\text{-CH}_2\text{-N}^+((\text{CH}_3)_2)\text{CH}_2\text{C}_6\text{H}_5\text{ Cl}$  and the second substituent comprises  $-\text{CH}_2\text{-CH(OH)}\text{-CH}_2\text{-N}^+((\text{CH}_3)_3)\text{ Cl}$ .

21. **(Withdrawn)** The process of claim 16, wherein the polysaccharide comprises cationised starch, cationised guar gum, or a mixture thereof.

22. **(Withdrawn)** The process of claim 16, wherein it further comprises adding at least one anionic material to the suspension.

23. **(Withdrawn)** The process of claim 22, wherein the anionic material comprises silica-based particles or clay of smectite type.

24. **(Withdrawn)** The process of claim 23, wherein the anionic material comprises silica-based particles having a specific surface area of at least  $100\text{ m}^2/\text{g}$  that are present in a sol having an S value in the range of from 5 to 50%.

25. **(Withdrawn)** The process of claim 16, wherein the anionic material comprises an anionic organic step-growth polymer.

26. **(Withdrawn)** The process of claim 25, wherein the anionic material comprises an anionic organic step-growth polymer which is a naphthalene sulphonate. .

27. **(Withdrawn)** The process of claim 16, wherein the polysaccharides are separately added to the suspension.

28. **(Withdrawn)** The process of claim 16, wherein the polysaccharides are added simultaneously to the suspension.

29. **(Withdrawn)** The process of claim 16, wherein it further comprises adding to the suspension a cationic polyacrylamide.

30. **(Withdrawn)** The process of claim 16, wherein it further comprises adding to the suspension a low molecular weight cationic synthetic organic polymer.

31. **(Previously Presented)** The process of claim 1, wherein the molar ratio of first substituent to second substituent is from 7:1 to 1:7.

32. **(New)** The process of claim 31, wherein the molar ratio of first substituent to second substituent is from 3:1 to 1:3.

33. **(New)** The process of claim 32, wherein the molar ratio of first substituent to second substituent is from 2:1 to 1:2.